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| WORD BANK  Vaporization Melting Sublimation Recreation  Condensation Freezing Sublimation Regeneration |

1) Match each definition from the word bank with its location in the phase change triangle

2) What is the formula for density? Write the formula in the space below.

3) In the density formula, what must be larger in order for an object to sink?

4) In the density formula, what must be larger in order for an object to float?

5) When there is an increase in temperature, the density of water increases/decreases/does not change (please circle one).

6) When there is a decrease in temperature, the density of water increases/decreases/does not change (please circle one).